




- ☐ Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- ☒ No fee is required.
- ☐ Check(s) in the amount of \$0.00 is(are) enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Charles Gorenstein, #29,271

RWD  
CG/RWD/sjl  
0717-0465P

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ATTACHMENT



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Technology Center 2600

PATENT 0717-0465P

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LTyson  
02/17/03

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: KUMATA, et al. Conf.: 3865  
Appl. No.: 09/846,297 Group: 2675  
Filed: May 2, 2001 Examiner: Chanh Duy NGUYEN  
For: OMNIAZIMUTHAL VISUAL SYSTEM

REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents  
Washington, DC 20231

February 13, 2003

Sir:

In reply to the Examiner's Office Action dated November 13, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**IN THE CLAIMS**

Please amend the claims as follows.

- Sub D1
- C1
1. (Amended) An omniazimuthal visual system, comprising:  
an optical system capable of obtaining an image of 360° view field area therearound and capable of central projection transformation for the image;  
an imaging section for converting the image obtained through the optical system into image data represented by polar coordinates;  
an image transformation section for transforming the image data into display data represented by rectangular coordinates;